



Docket No.: 60889/HO-P02936US1/10608643  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Johan Engström et al.

Application No.: 10/587,428

Confirmation No.: N/A

Filed: January 31, 2005

Art Unit: N/A

For: FLOW PATHS COMPRISING ONE OR TWO  
POROUS BEDS

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

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Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND before the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to Deposit Account No. 06-2375, under Order No. 60889/HO-P02936US1/10608643.

Dated: December 4, 2006

Respectfully submitted,

By   
Melissa W. Acosta

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PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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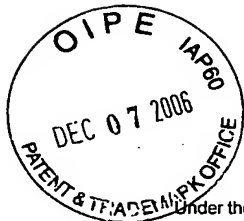
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/587,428	
	Filing Date	January 31, 2005	
	First Named Inventor	Johan Engström	
	Art Unit	N/A	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	6	Attorney Docket Number	60889/HO-P02936US1/10608643

**ENCLOSURES (Check all that apply)**

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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

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Signature			
Printed name	Melissa W. Acosta		
Date	December 4, 2006	Reg. No.	45,872



PTO/SB/08A (10-01)

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				Application Number	10/587,428
				Filing Date	January 31, 2005
				First Named Inventor	Johan Engström
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	60889/HO-P02936US1/10608643

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-6,632,655	10-14-2003	Mehta et al.	
	AB*	US-5,887,997	03-03-1999	Watanabe et al.	
	AC*	US-4,175,073	11-20-1979	Pharmacia Fine Chemicals AB	
	AD*	US-4,563,304	01-07-1986	Pharmacia Fine Chemicals AB	
	AE*	US-6,479,299	11-12-2002	Caliper Technologies Corp.	
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	AO*	US-6,967,101	11-22-2005	Larsson et al.	
	AP*	US-2005-0214442	09-29-2005	Larsson et al.	
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	AD1*	US-2003-0143114	07-31-2003	Andersson et al.	
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	AH1*	US-2005-0153431	07-14-2005	Andersson et al.	
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	AM1*	US-2006-0148065	07-06-2006	Inganaes et al.	
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	AO1*	US-6,985,672	01-10-2006	Andersson et al.	
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				Application Number	10/587,428
				Filing Date	January 31, 2005
				First Named Inventor	Johan Engström
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	60889/HO-P02936US1/10608643

	AT1*	US-2004-0099310-A1	05-27-2004	Andersson et al.	
	AU1*	US-2005-0042770	02-24-2005	Derand et al.	
	AV1*	US-2004-0202579	10-14-2004	Derand et al.	
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	AX1*	US-2005-0186685	08-25-2005	Kange et al.	
	AY1*	US-6,375,871	04-23-2002	Bentsen et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	-WO 2002/075312	09-26-2002	Gyros AB		
	BB	-WO 2001/047638	07-05-2001	Gyros AB		
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	BB1	-WO 2004/106926	12-09-2004	Inganaes et al.		
	BC1	-WO 2005/065827	07-21-2005	Andersson et al.		
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	BE1	-WO 2005/072872	08-11-2005	Engstroem et al.		
	BF1	-WO 2004/0103890	12-02-2004	Fielden et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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NON PATENT LITERATURE DOCUMENTS			
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	CA	Buranda, Tione, Jinman Huang, Victor H. Perez-Luna, Brett Schreyer, Larry A. Sklar and Gabriel P. Lopez; "Biomolecular Recognition on Well-Characterized Beads Packed in Microfluidic Channels"; Analytical Chemistry; Vol. 74, No.5 (March 1, 2002) pp. 1149-1156	
	CB	Piyasena, Menake E., Tione Buranda, Yang Wu, Jinman Huang, Larry A. Sklar, and Gabirel P. Lopez; "Near-Simultaneous and Real-Time Detection of Multiple Analytes in Affinity Microcolumns"; Analytical Chemistry, Vol. 76, pp. 6266-6273	
	CC	U.S. Patent Application Serial No. 11/397,401	
	CD	U.S. Patent Application Serial No. 11/301,165	

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Application No. (if known): 10/587,428

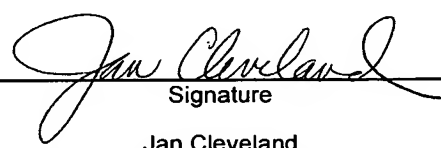
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